

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002867

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/7052

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, MEDLINE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------------|
| X,P | WO 03/079981 A (DRUGTECH CORP) 2 October 2003 (2003-10-02) page 15, line 14 - line 21 page 37, line 9 - line 17 claims 1,14,51 ----- | 1,3,5,6, 21,23, 24,26 |
| X | WO 03/039559 A (DAJKA LEVENTE ; LUKACS KAROLY (HU); HEGED & UDBLAC (HU); HUMAN RT (HU)) 15 May 2003 (2003-05-15) | 1,3-5 |
| A | page 7, paragraph 2 page 29; example I.4 page 37; examples II.6,II.8,II.10,II.11,II.12 page 44; table X ----- -/- | 6,21, 23-26 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

7 December 2004

Date of mailing of the international search report

07.01.2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bonzano, C

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/002867

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------------|
| X | WO 99/02145 A (DURANT GRAHAM J ; GWYNNE DAVID I (US); CAMBRIDGE NEUROSCIENCE INC (US)) 21 January 1999 (1999-01-21) page 97, line 33 - page 98, line 3 ----- | 1,3-5 |
| A | US 4 160 827 A (CHO MOO J ET AL) 10 July 1979 (1979-07-10) column 10; example 9 ----- | 6 |
| X | DATABASE WPI Section Ch, Week 200039 Derwent Publications Ltd., London, GB; Class B03, AN 2000-443089 XP002298745 & CN 1 242 193 A (HUIDA PHARM CO LTD DATONG CITY) 26 January 2000 (2000-01-26) abstract ----- | 1,3-6, 21,23-26 |
| X | US 5 527 534 A (MYHLING JOHN) 18 June 1996 (1996-06-18) column 6, line 48 - column 7, line 30 column 8, line 26 - line 30 ----- | 1,3,5,6, 21,23, 24,26 |
| A | MELNIK: "bioavailability of azithromycin" 9TH INTERNATIONAL CONGRESS OF CHEMOTHERAPY, 1995, XP008036233 cited in the application the whole document ----- | 6 |
| X | US 2002/128313 A1 (SCHMITT ERIC J ET AL) 12 September 2002 (2002-09-12) paragraph [0016] paragraph [0029] claims 1,9,10 ----- | 7-10,13 |
| X | GB 2 293 101 A (BRITISH TECH GROUP) 20 March 1996 (1996-03-20) page 4, paragraph 4 ----- | 7-10,13, 15-18 |
| X | US 6 414 028 B1 (BUEYUEKTIMKIN NADIR ET AL) 2 July 2002 (2002-07-02) column 3, line 8 - line 17 column 11, paragraph 1 ----- | 7-10,13, 15-18 |
| X | US 4 496 587 A (RUWART MARY J ET AL) 29 January 1985 (1985-01-29) the whole document claim 6 ----- | 7,15 |

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/002867

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 23-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
3-6,21,25 (partially); 1,7-13,15-18,23-24,26
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 3-6,21,25 (partially); 1,23-24,26

Medicament for vaginal and/or rectal administration, comprising an antibiotic, in particular azithromycin, alone, and use for treating pelvic tissue infection.

2. claims: 2-6,21 (partially)

Medicament for vaginal and/or rectal administration, comprising an antibiotic, in particular azithromycin, with an analgesic, and use for treating pelvic tissue infections.

3. claims: 2-6,21 (partially)

Medicament for vaginal and/or rectal administration, comprising an antibiotic, in particular azithromycin, with a NSAID, and use for treating pelvic tissue infection.

4. claims: 2-6,21 (partially)

Medicament for vaginal and/or rectal administration, comprising an antibiotic, in particular azithromycin, with a local anaesthetic drug, and use for treating pelvic tissue infection.

5. claims: 2-6,21 (partially)

Medicament for vaginal and/or rectal administration, comprising an antibiotic, in particular azithromycin, with:

1. an analgesic,
2. a NSAID,
3. and/or a local anaesthetic drug, and use for treating pelvic tissue infection.

6. claims: 4,5,6,25 (partially)

Medicament for vaginal and/or rectal administration, comprising an antibiotic, in particular azithromycin, with metronidazole, and use for treating pelvic tissue infection.

7. claims: 7-13,15-18

Medicament for vaginal and/or rectal administration comprising an antibiotic, in particular azithromycin, with a prostaglandine, in particular misoprostol, optionally with cervagem, and use for treating pelvic tissue infection.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

8. claims: 14,19,20,22,27-33

Use of a medicament for vaginal and/or rectal administration for reducing surgical trauma resulting from gynaecological operation, comprising an antibiotic, in particular azithromycin, with a prostaglandine, in particular misoprostol, optionally with cervagem.

Best Available Copy

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 23-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Part Available Copy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002867

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|---|--|
| WO 03079981 | A | 02-10-2003 | US 2003180366 A1 BR 0202767 A CA 2392473 A1 CN 1444926 A FR 2837389 A1 HU 0203102 A2 IT MI20021660 A1 JP 2003286193 A PT 102854 A ,B WO 03079981 A2 | 25-09-2003 25-05-2004 20-09-2003 01-10-2003 26-09-2003 28-05-2004 26-01-2004 07-10-2003 30-09-2003 02-10-2003 |
| WO 03039559 | A | 15-05-2003 | EP 1467743 A1 WO 03039559 A1 | 20-10-2004 15-05-2003 |
| WO 9902145 | A | 21-01-1999 | AU 8278498 A WO 9902145 A1 | 08-02-1999 21-01-1999 |
| US 4160827 | A | 10-07-1979 | AU 523423 B2 AU 4370579 A BE 873973 A1 CA 1108622 A1 CH 638535 A5 DE 2903269 A1 ES 477265 A1 FR 2416234 A1 GB 2013683 A ,B GR 67623 A1 IT 1116516 B JP 54115375 A NL 7900858 A PH 14464 A SE 445221 B SE 7900952 A ZA 7900282 A | 29-07-1982 16-08-1979 06-08-1979 08-09-1981 30-09-1983 09-08-1979 01-10-1980 31-08-1979 15-08-1979 01-09-1981 10-02-1986 07-09-1979 08-08-1979 29-07-1981 09-06-1986 07-08-1979 30-01-1980 |
| CN 1242193 | A | 26-01-2000 | NONE | |
| US 5527534 | A | 18-06-1996 | US 6328991 B1 AT 239431 T AU 5541594 A DE 69332954 D1 EP 0665733 A1 WO 9408536 A1 | 11-12-2001 15-05-2003 09-05-1994 12-06-2003 09-08-1995 28-04-1994 |
| US 2002128313 | A1 | 12-09-2002 | AU 6970701 A EP 1315521 A2 JP 2004502738 T WO 0204006 A2 | 21-01-2002 04-06-2003 29-01-2004 17-01-2002 |
| GB 2293101 | A | 20-03-1996 | AU 3394895 A WO 9608254 A1 ZA 9507606 A | 29-03-1996 21-03-1996 11-03-1997 |
| US 6414028 | B1 | 02-07-2002 | US 6046244 A AU 4979201 A BR 0109863 A CA 2405293 A1 CN 1449270 T | 04-04-2000 15-10-2001 28-09-2004 11-10-2001 15-10-2003 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002867

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| US 6414028 | B1 | EP 1278495 A1 | 29-01-2003 |
| | | HU 0302452 A2 | 28-11-2003 |
| | | JP 2004514646 T | 20-05-2004 |
| | | WO 0174279 A1 | 11-10-2001 |
| | | ZA 200208803 A | 19-12-2003 |
| | | BR 9813945 A | 22-01-2002 |
| | | CA 2309165 A1 | 14-05-1999 |
| | | CN 1284862 T | 21-02-2001 |
| | | EP 1028708 A1 | 23-08-2000 |
| | | EP 1178833 A1 | 13-02-2002 |
| | | HU 0201145 A2 | 28-12-2002 |
| | | JP 2001521886 T | 13-11-2001 |
| | | TR 200002158 T2 | 21-11-2000 |
| | | TW 443933 B | 01-07-2001 |
| | | WO 9922714 A1 | 14-05-1999 |
| | | WO 0069469 A1 | 23-11-2000 |
| ----- | | | |
| US 4496587 | A | 29-01-1985 | NONE |
| ----- | | | |